Shinco®

# Portable Air Conditioner

YPF1 User's Manual

Thank you for selecting this super quality air conditioner. Please be sure to read this manual carefully before using it.

# CONTENT


## Important Safety Tips

Precautions..... 1

## Product Introduction

Main Parts and Components..... 2

Control Panel and Remote Controller..... 3

## Product Operation

Placement and Installation..... 4

Operation Method..... 6

## Clean and Maintenance

Drainage Method..... 7

Maintenance..... 7

## Common Failures and Diagnosis

Intelligent Error Detection..... 9

Fuse Parameters..... 9

Trouble-shooting..... 9

# Precautions

**Please read the Manual carefully before operating the machine:**

- This machine is for household use only.
- This machine is for indoor use only. Please place it in dry environment.
- Check power cord frequently. When power cord, plug or A/C is damaged, please don't operate.
  If the power cord is not long enough, power extension cable can be used. Cable should not scatter at places where power cord may be pulled out or people may be stumbled.
- The A/C should be away from heat source and avoid direct sunlight.
- Turn off the A/C before unplugging.
- Turn off and unplug the A/C before removing or cleaning it, or replacing its parts or when it is not used.
- Clean the A/C according to the Manual.
- Voltage of the A/C should meet requirements. Any damage incurred by incorrect power isn't included in the warranty.
- Children are not allowed to touch the A/C.
- Don't leave the running A/C unattended. Turn off it even you leave for a short time.
- Don't insert your fingers or any hard object into the wind guide bar of the air outlet.
- Don't place the A/C at any place with water or other liquid. Prevent water or liquid from entering the A/C.
- Don't repair the A/C by yourself. Any possible hazard incurred by maintenance of layman will violate the warranty.
  Even power cord shall be replaced by professional maintenance personnel.
- Please use the accessories provided by the A/C manufacturer; otherwise, the A/C may be damaged.

**Special warning:**

- Place the A/C on even ground and install it vertically, so as to ensure normal operation of the compressor.
- The A/C should be at least 50cm away from surrounding objects. Keep air inlet and outlet smooth.
- Don't use the A/C beside gasoline or any other inflammable liquid.
- Don't use spraying agent and other solvent or flammable substances near the A/C; otherwise, its plastic may deform and electric parts may be damaged.

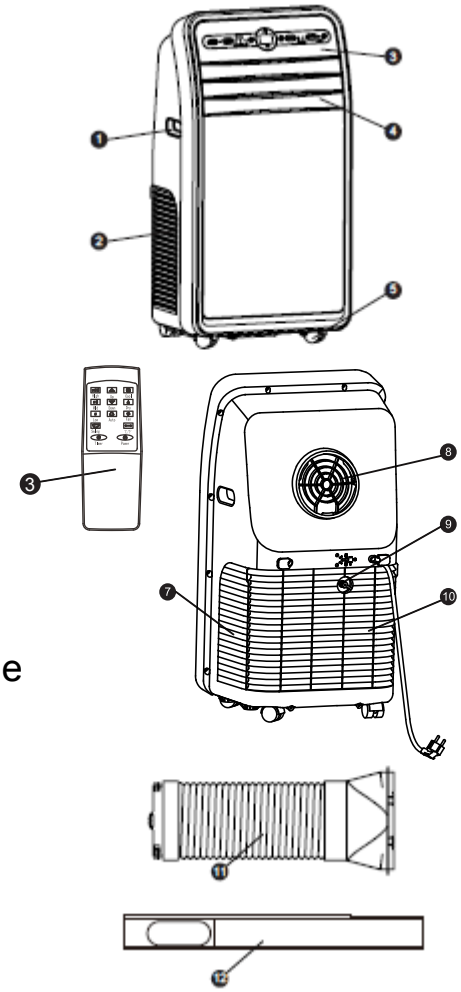
**Power**

- The plug should be in good condition and can't be damaged.
- In order t to run the A/C, plug the power cord first, and then press the power key.

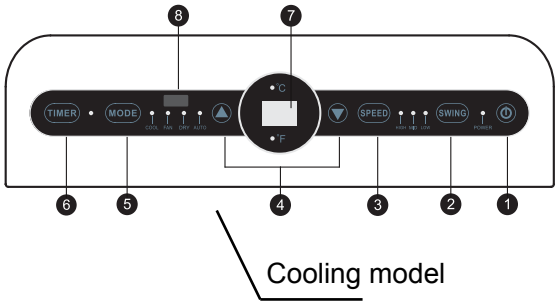
Please keep the Manual properly.

# Main Parts and Components

1. Handle
2. Air inlet (L)
3. Control panel
4. Wind guide bar
5. Caster
6. Remote controller
7. Air inlet (R)
8. Air outlet
9. Dehumidification drainage nozzle
10. Air inlet grille
11. Exhaust duct assembly
12. Window sealing plate assembly



# Control Panel and Remote Controller




**1. Power key**

Press the key to turn ON/OFF the A/C.

**2. Swing key**

Press this key at any time after turning on the A/C to swing the wind guide bar automatically.

**3. Speed key**

Press the key to choose high/Mid /low gear wind speed.

**4. Temperature/ time adjusting key**

Press the key at cooling mode to increase/reduce the setting temperature; press it at timing mode to adjust timing ON/OFF time; press Up and Down keys simultaneously to switch Fahrenheit and Centigrade degree temperature.

**5. Mode key**

Press the key to choose cooling, wind, dehumidification and automatic (or heating for cooling/heating model) mode.

**6. Timer key**

Press the key at standby mode to set ON time.

Press this key at ON mode to set OFF time.

**7. Temperature/ time display window**

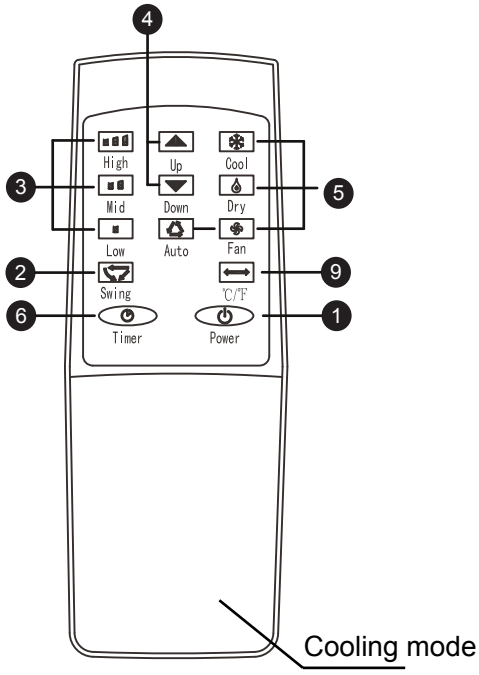
This window displays the adjusted temperature and time.

**8. Remote controller receiving window**

This window is used to receive signal of the remote controller.

**9. ℃/℉ switching key**

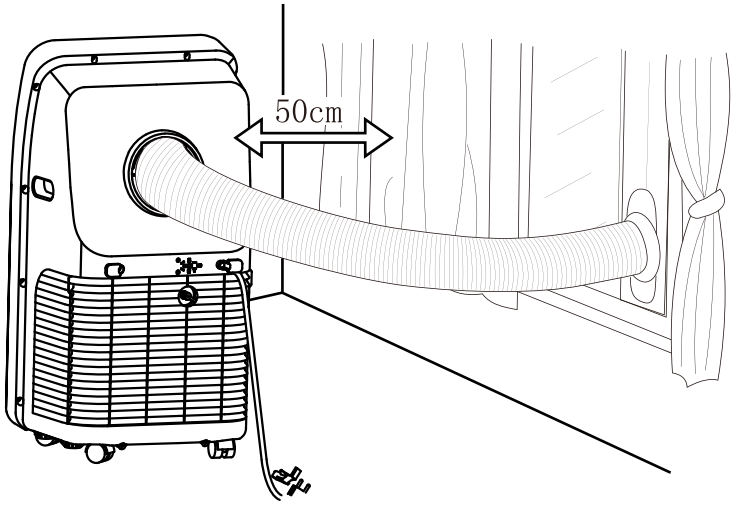
Press the key to switch ℃ and ℉.



# Placement and Installation

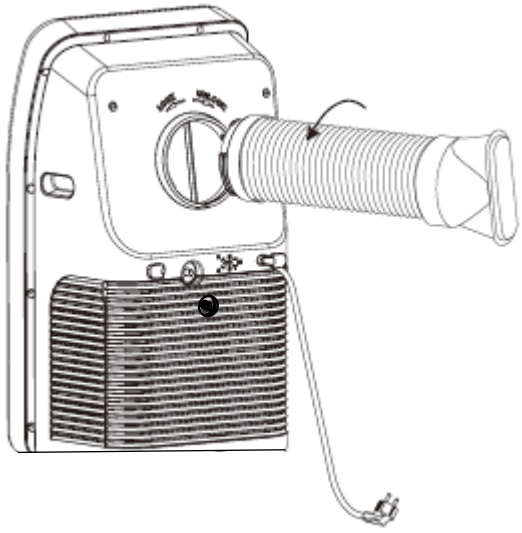
## Placement

- Place it at even and dry place, and keep it at least 50cm away from its surrounding object.

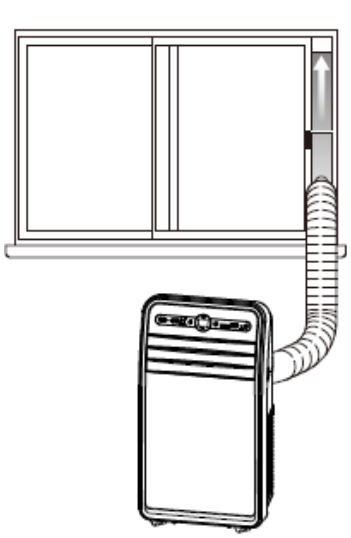


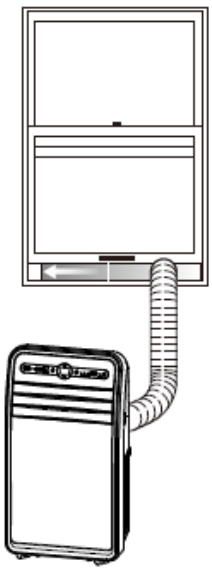

## Installation

- Screw the exhaust duct assembly in the air outlet behind the panel (anticlockwise).



- Insert the air exhaust hose into the window sealing plate, adjust opening width of window so that the window can match with the sealing plate properly; length of the sealing plate is adjustable.



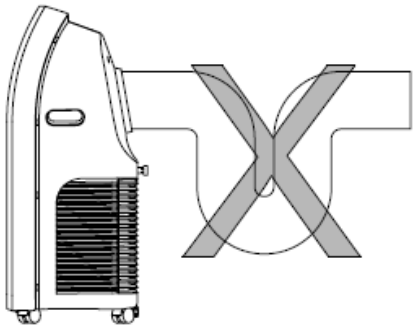


## Incorrect installation

- It's important to keep the exhaust duct smooth. Incorrect installation will affect work of the A/C.
- Prevent the exhaust duct from seriously bending.
- Ensure air can flow smoothly in the duct.

## Warning:

The exhaust duct is designed especially for this model. Don't replace or lengthen it; otherwise, it will result in failure.



## Notice:

Max. developed length of the exhaust duct is 1,500mm. It's better to shorten it while use and keep it horizontal while installation.

# Operation Method

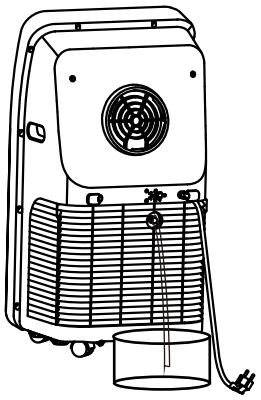
### Cooling mode

- When the A/C enters cooling mode automatically or cooling mode is selected after power ON, the cooling indicator lamp lights up.
- Press Up/Down key to adjust setting temperature (17°C~30°C).
- Press Speed key to choose High/Low speed.

### Wind mode

- When pressing mode key or choosing wind mode by pressing the remote controller, the wind indicator lamp lights up.
- Press Speed key to choose High/Low speed.
- Temperature can't be set.

### Dehumidification mode



- When pressing mode key or choosing dehumidification mode by pressing the remote controller, the dehumidification indicator lamp lights up.
- Remove the dehumidification water rubber stopper , insert rubber hose , place the other end of the rubber hose into the water container , as shown in the right figure.
- After entering the dehumidification mode, if room tempearture≥15°C (59°F), the compressor is ON. Then control as follows: when room temperature ≤13°C(55°F), the compressor is OFF; when temperature increases to room temperature≥15℃ the compressor is started again (in order to protect the compressor, it will be restarted 3min. later).
- In dehumidification mode, the fan is defaulted to run at low speed, and wind speed can't be adjusted.
- Temperature can't be set.

（Tip: When dehumidification is adopted, exhaust duct assembly should be disassembled; otherwise, dehumidification will be ineffectual and "FL" (full alarm) is displayed.）

### Auto. mode (for cooling model only)

- When pressing mode key or choosing auto. mode by pressing the remote controller, the auto. indicator lamp lights up.
- After choosing auto. mode, operation state is determined by environmental temperature: when environmental temperature is higher than 25°C, the operation state is the same as that of cooling mode; when environmental temperature is lower than 25°C, the operation state is the same as that of wind mode.

### Heating mode (for cooling and heating mode only)

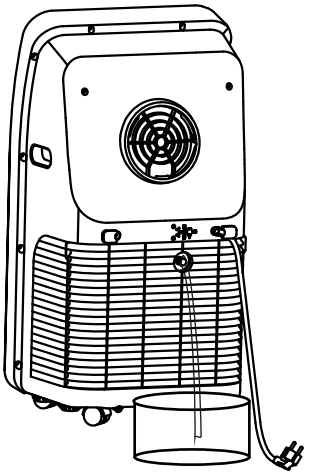
- When pressing mode key or choosing heating mode by pressing the remote controller, the heating indicator lamp lights up.
- Press Up/Down key to adjust setting temperature (17°C~30°C).
- Press Speed key to choose High/Low speed.

### Timer mode

- In standby state, press the key to set ON time. Press Up and Down keys to set ON time (0~24H), and the timer indicator lamp lights up.
- In ON state, pressure the timer key to set OFF time. Press Up and Down keys to set OFF time (0~24H), and the timer indicator lamp lights up.

# Drainage Method

**This product is equipped with automatic water vaporization system. The condenser is cooled with the circulating of condensing water, so as to improve cooling efficiency and save energy.**



- If the internal vessel is full of water, the display screen will display “FL”, and the compressor stops work automatically. After power off, unscrew the water cover, pull out the water rubber stopper to drain off water, and it will become normal after being restarted.

# Maintenance

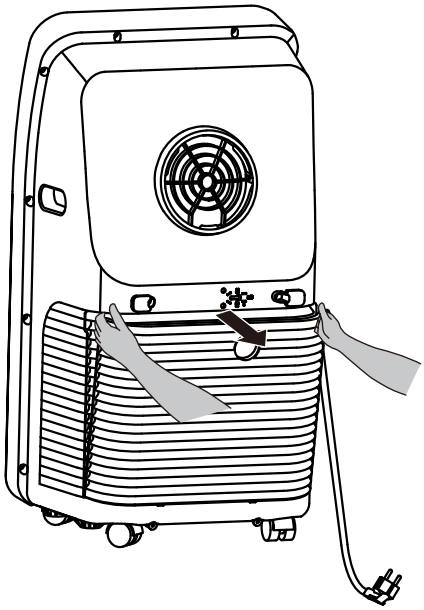
**Notice: in order to avoid electric shock, please turn off the A/C and unplug before maintenance or repair.**

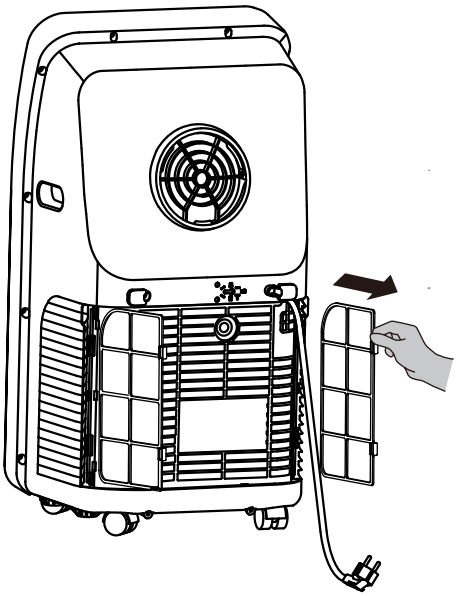
### Cleaning

- Unplug before cleaning.
- Wipe with soft semi-dry cloth. Don’t use chemical solution , such as benzene, alcohol and gasoline etc; otherwise surface of the A/C and even the whole A/C will be damaged.
- Prevent water from spattering in the A/C.

### Filter screen

- Wash the filter screen once every two weeks. If it is blocked by dust, efficiency of the A/C will be reduced.
- Take out the air inlet grille and pull out the filter screen at both sides according to the direction shown in the following figures.
- Put the filter screen into the warm water (about 40°C) added with neutral detergent, dry it at a shady place after cleaning.





## Seasonal cleaning

If the A/C will not be used for a long time:

- Pull out the water rubber stopper to drain .
- Run the A/C in wind mode for 2H till its interior is dry.
- Turn off the A/C and unplug.
- Wash the filter screen and reassemble it.
- Dismantle the exhaust duct and keep it properly.
- Cover the A/C with a plastic bag and place it at a dry place.

# Intelligent Error Detection

| Error-detecting code | Multi-functional defection |
|---|---|
| E1 | Error of the coil's temperature sensor |
| E2 | Error of indoor temperature sensor |
| E4 | Anti-freezing protection: temperature of the coil is too low and the whole A/C is off. When temperature excesses 8℃, the protection is released and previous working state is recovered. |

# Fuse Parameters

**Specification: Φ5×20mm**
**Voltage: 115VAC**
**Current: 3.15A**

# Trouble-shooting

In case of any of the following trouble, please contact professional maintenance personnel in time.

| Trouble | Cause | Solution |
|---|---|---|
| The A/C doesn't work | Not plug in | Plug in |
| | The display panel displays "FL" | Restart the A/C after power off and draining, then it will become normal |
| | Time OFF function is started | The A/C can be restarted 3 minutes after being turning off. |
| The A/C starts frequently | Direct sunlight | Draw the curtain |
| | Doors and windows keep open; there are lots of people or heat source in room | Close doors and windows, remove heat source |
| | Filter screen is very dirty | Clean or replace it |
| | Air inlet or air outlet is blocked | Remove the stem |
| Loud noise of the A/C | The A/C is placed unevenly | Place it at even and firm ground, avoid shaking |
| The compressor doesn't work | Its delay protection is started | Wait for 3min., turn it on after temperature decreases |

**Notice: When there is any abnormal to the A/C, turn it off and unplug, and then contact professional maintenance personnel.**

The above technical parameters are subject to change without notice.